

IBM DB2 Universal Database for Linux

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WW Product Manager,
DB2 for Linux, DB2 Strategic Technologies

The Freedom of Linux, The Power of DB2!


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- DB2 for Linux - proven database technology
- A unique advantage: pure power at a low cost
- Plus, rock-solid stability, flexibility and manageability



DB2 for Linux: From Palmtop to Teraflop

**Embedded-to-enterprise
industrial strength
database solution.**

- Everyplace**
- Linux
 - Windows
 - PalmOS
 - EPOC-32
 - Neutrino
- Personal**
- Linux
 - Windows
- 

- Workgroup**
- Linux
 - Windows
 - AIX
 - Solaris
 - HP-UX
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Enterprise & Extended

- Linux
 - Linux 64-bit for IPF
 - AIX
 - Windows
 - HP-UX
 - Solaris
 - Windows 64-bit for IPF
- 

DB2 Connect

- Linux
- AIX
- Windows
- HP-UX
- Solaris

Hosts

- DB2 Linux/390
 - DB2 zOS
 - DB2 VM/VSE
 - DB2 OS/400
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DB2 for Linux Availability:

- Intel and AMD 32-bit chips
- 64-bit Itanium Processor Family (SDK)
- IBM iSeries Linux (Technology Preview)
- IBM Linux/390 and zSeries Linux

DB2 for Linux Delivers World Record Performance

- **DB2 is the performance leader on Linux ... see our TPC-H and SAP SD benchmark results**

(www.tpc.org/tpch
www.sap.com/benchmark)

- **DB2 EEE delivers unmatched scalable performance for Linux clusters**

- **DB2's superior performance gives you the assurance to buy Linux solutions**



- **Spend less time during development worrying about scalability**

Development with DB2 for Linux

- DB2 Integrates seamlessly with Java and IBM Websphere family
- Net.Data provides quick access to DB2 data from web servers
- Integrates with Popular Open Source Apps and Apache
 - Perl
 - www.ibm.com/software/data/db2/perl
 - PHP
 - www.php.net
 - Python
 - www.python.org
- DB2 Developers Domain
 - www7b.boulder.ibm.com/dmdd/

DB2 for Linux Web-development tutorial

- Learn how to jumpstart your e-business application development
- Run tutorial online or download
- www7b.boulder.ibm.com/dmdd/library/tutorials/db2linux/db2linux.html

Linux Partners and Solutions

■ Linux Distributors

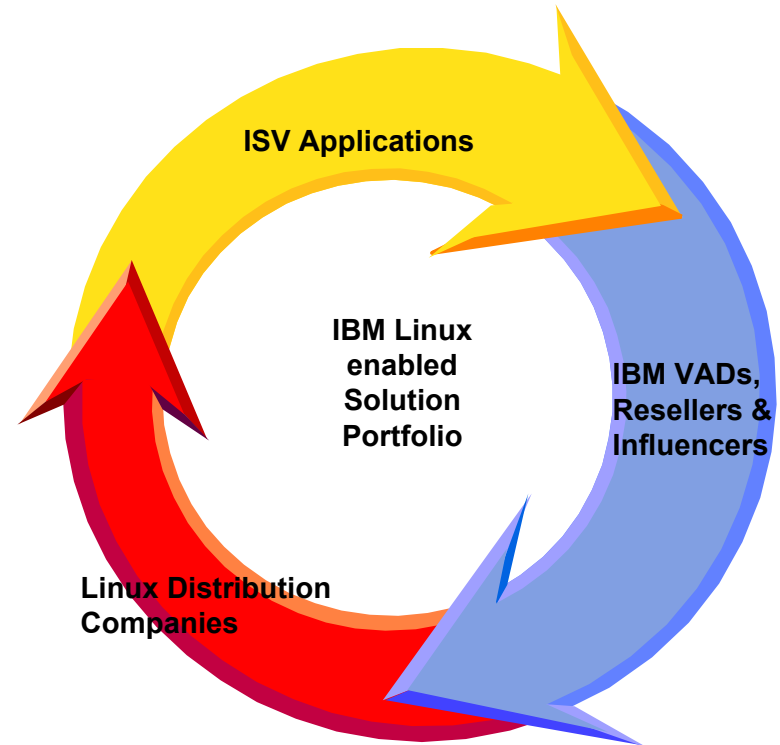
→ Red Hat, SuSE, Turbolinux, SCO

■ Business Applications

→ ERP - SAP
→ Accounting - Accpac, Sage
→ Retail - Apropos, Marcole
→ Finance - Axiom, Eontec, Sanchez

■ Business Intelligence

→ Hyperion Essbase
→ SAS
→ Dimensional Insights
→ Brio
→ Elytics Analysis Suite



DB2 for Linux vs. Commercial Databases

Oracle 9i

- Oracle claims it embraces Linux - where are the references?
- IBM leads in database performance; Oracle has published no Linux benchmarks
- Total cost of ownership: IBM is the low-cost database leader
- Oracle can't scale on Linux clusters - best ever published is two nodes!
- Market growth: IBM continues to grow faster than the industry

Microsoft SQL Server

- Runs on Windows only - Proprietary platform
- DB2 and Linux embraces more open standards & have better TCO
- Still can't scale as well as DB2
- Lags behind DB2 in benchmarks (e.g. TPC-H 100GB category)
- Lacks many enterprise features available in DB2

Pricing Comparison

www.ibm.com/software/data/db2/linux/comparison.html

Why DB2 UDB for Linux

Lowest Total Cost of Ownership

Less



- DB2 offers the industries best TCO for commercial RDBMS products
- TCO consultant reports are available for viewing at:
www.ibm.com/software/data/pubs/tech-consult.html
- New pricing for DB2 for Linux on Intel: up to 1/2 off when purchased through Passport Advantage (Announcement Letter 202-004) -- TCO gets even better!!

www.ibm.com/software/data/db2/linux/passport.html

Flexibility

- **Broad Platform Support**
 - DB2 runs most popular UNIX and Intel Server platforms and the mainframe as well!
 - DB2 supports all major industry standards relevant to distributed data
- **Scalability**
 - Share nothing architecture leverages clustering technology and provides high performance
 - DB2 can grow as your business needs grow but investment in skill set is maintained from entry to enterprise across platforms
- **Seamless Connectivity to Other Data**
 - DB2 delivers the industries most advanced heterogeneous environment support

Why DB2 UDB for Linux

Peace of Mind

■ World Wide 24x7 Service and Support

- Best of Breed in industry

■ High Availability, Reliability and Ease of Manageability

- Built in support and seamless integration with High Availability solution providers
- Self Managing and Smart Database Technology
- GUI based central control point for managing DB2 servers

■ IBM and ISV Application and Tool Enablement

- ERP, CRM, BI, Tools and other solutions are available from ISVs for DB2 on Linux
- Extensive technical enablement and co-marketing programs to support business partner success with IBM technologies

DB2 Linux Information and Downloads

- DB2 for Linux home page
→ <http://www.ibm.com/db2/linux>
- DB2 for Linux Online Technical Support
→ <http://www.ibm.com/software/data/db2/udb/winos2unix/support>
- DB2 Software Developers Kit for Itanium Processor Family
→ <http://www.ibm.com/software/data/db2/itanium>
- Linux at IBM
→ <http://www.ibm.com/linux>
- IBM Data Management
→ <http://www.ibm.com/software/data/>
- IBM JDK1.3.x (for Java support)
<http://www.alphaworks.ibm.com/>
- Linux 2.4 kernel Features
→ http://www.linux-mag.com/2001-01/linux24_04.html
- Latest news related to Linux
→ <http://www.linuxtoday.com>